



## Smart Rehabilitation 3.0 Project

2019-1-ES01-KA203-065657

### C5 - Short-term joint staff training event on technological innovation in rehabilitation, for adaptation to habitability and use.

From March 21<sup>st</sup> to 24<sup>th</sup> 2022

UPC, Barcelona, Spain

The course will allow the participants an exchange of knowledge and experiences, learning from each other, and to debate about how to develop training methodologies and tools on specific topics concerning the technological innovations in rehabilitation for adaptation on habitability and use in Barcelona. Topics that has been considered necessary for future "Building Rehabilitation Experts".

The main aim of the course is an agreement on a common pattern to be applied on training programs for "Building Rehabilitation Experts" in the all partner countries. At the same time, the partners from the different countries will check their own state of the art on the comparative research, orientating and focussing it to the issues emerged during the discussions.

The participants will be selected between experts able to give elements for the debate on the development of intellectual outputs, as extensive research activity and experience.





## Agenda and Program

### Monday, March 21<sup>st</sup>, 2022

- 09:00 a.m.** **Welcome and Reception of all the Participants at EPSEB**, Escola Politècnica Superior d'Edificació de Barcelona. Universitat Politècnica de Catalunya
- 13:00 a.m.**  
*Welcome by: Prof. Inmaculada Rodríguez Cantalapedra, Director of EPSEB.*  
*Prof. Montse Bosch, Scientific Responsible of the project for UPC.*  
**UPC Staff:** *Prof. Pilar Garcia-Almirall, Head of the Department of Architectural Technology*  
*Prof. Còssima Cornadó, Mireia Bosch, Belén Onecha, Jordi Martí, Eva Crespo, Andri Tsiouri.*  
*All Partners, Stakeholders and other Participants*
- Presentation of the targets of the Course**, organisation and program activities  
*Prof. Montse Bosch*  
*Prof. Còssima Cornadó*
- 15:00p.m.** Technical visit to a building of the Eixample (expansion) of Barcelona. Integral rehabilitation with the incorporation of an attic floor with prefabricated modules.
- 16:00 p.m.**  
*Prof. Montse Bosch, Arch. Rosa Bassols*
- 17:00 p.m.** Technical visit to Casa Batlló, a UNESCO World Heritage site and an icon in Barcelona, to discover Gaudí's work and modernism at its finest.
- 18:00 p.m.**  
*Prof. Mireia Bosch, and Joan Olona, UPC*

### Tuesday, March 22<sup>nd</sup>, 2022

- 09:00 a.m.** Technical visit to **Ecoliving 1802**, a new sustainable and green community using rooftop, collecting rainwater, aerothermal equipment, etc. in a completely renovated building of a former textile printing factory
- 13:00 p.m.**  
*Arch. Juli Pérez Català*
- Visit to OASIURBÀ Office**, a non-profit organization that works to improve the living conditions of the neighborhood by guaranteeing the right to fair housing. Presentation of the **CO-HAB Raval** project.  
*Prof. Sara Vima, UPC; Arch. Victoria Tous, Julia Brull OASIURBÀ*
- 14:30 p.m.** Presentation and visit to two rehabilitated **residential houses C/ Robadors**
- 18:00 p.m.** *Prof. Pere Joan Ravetllat, Còssima Cornadó, UPC; Tech. Arch. Toni Floriach, AEEBC*
- Presentation and visit to rehabilitated **residential houses C/ Roca**  
*Tech. Arch. Toni Floriach, AEEBC*
- Technical visit to **Porxos d'en Xifré roofs**, a set of 10 buildings that occupy an entire rectangular block located in the sea front quarter. The roof has been rehabilitated, turning it into one of the largest green terraces in Barcelona. 2021 New European Bauhaus Prize  
*Prof. Montse Bosch; Eng. Sergio Carratalá*



## Wednesday, March 23<sup>rd</sup>, 2022

**09:30 a.m.** Presentation and Technical visit to **Mercat de Sant Antoni**, and old iron market building rehabilitated and conditioned for a modern market use.

**13:30 p.m.**

*Prof. Pere Joan Ravetllat*

Walking tour to **La Boquería Market**: the most touristic of the city.

Stop in front of the **Picasso and Nesjar Friezes in the COAC Building**, and explanation of the diagnosis and restoration intervention.

*Prof. Joan Ramon Rosell, UPC.*

Walking tour to the **Santa Caterina Market**, rehabilitated by Estudio MIRALLES TAGLIABUE EMBT

**15:30 p.m.** Presentation and Technical visit to **Mercat del Born**, the first large-scale cast-iron building to be erected in Barcelona.

**17:30 p.m.**

*Prof. Ramon Graus, UPC*

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## Thursday, March 24<sup>th</sup>, 2022

**9:00 a.m.** Social housing and residential heritage rehabilitation policies.

**13:00 a.m.** *Representatives of the Generalitat de Catalunya; Barcelona City Council and Consorci Metropolità de l'Habitatge.*

Technical Visit to **Barri de El Polvorí**

**15:00 p.m.** Technical visit to the **Barri Trinitat Vella** and **Trinitat Nova**

**18:00 p.m.** Technical Visit to **Barri de Canyelles**

*Prof Emili Hormias,UPC*

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## Friday, March 25<sup>th</sup>, 2022

**9:00 a.m.** Technical visit to a **Private Residential house** rehabilitated to a Passive House Standard

**13:00 a.m.**

*Arch. Micheel Wassouf*

Technical visit to 46 social housing units in the **Fabra & Coats factory**, renovation and preservation of industrial heritage is an increasingly important part of defining sustainable urbanism. Winner of the 63rd FAD Awards.

*Prof. Belén Onecha*

**15:00 p.m.** **Conclusions, debate, remarks and applications of the information of the Course**

**18:00 p.m.**

*All Partners, Stakeholders and Participants*